

Industry Report for Health Care¹

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Total Number of Workers	Number of nonresident Workers	Percent nonresident Workers	Annual Openings due to Growth	Annual Openings due to Replacement	Total Annual Openings	Qualified, but working in another occupation ⁴	Workers currently employed in lower paid occupations ⁵	UI Claimants previously working in occupation ⁶	Estimated Employment (2012)	Projected Employment (2022)	Growth Rate (Percent)	Percent Resident ⁸ Workers Age 50+	Average Hourly Wage (May 2014)	Education ⁹	Work Experience ¹⁰	On the Job Training ¹¹																	
Architecture and Engineering Occupations																																	
Civil Engineers (Oil and Gas, Top Job)			972	83	8.5	6	17	23	109	60	27	849	910	7.2	35.2	51.73	BA	None	None														
Arts, Design, Entertainment, Sports, and Media Occupations																																	
Public Relations Specialists			274	32	11.7	2	8	11	78	40	24	314	339	8.0	30.6	31.65	BA	None	None														
Technical Writers			134	14	10.4	2	2	5	32	10	11	124	145	16.9	35.8	32.26	BA	Under 5 yr	STOJT														
Building and Grounds Cleaning and Maintenance Occupations																																	
Janitors and Cleaners, Except Maids and Housekeeping Cleaners			6,618	796	12.0	56	135	190	2,105	319	825	5,561	6,118	10.0	36.8	14.74	Any	None	STOJT														
Maids and Housekeeping Cleaners			5,302	1,686	31.8	48	87	135	1,265	37	812	3,598	4,078	13.3	28.9	11.90	Any	None	STOJT														
First-Line Supervisors of Housekeeping and Janitorial Workers			542	137	25.3	4	8	12	131	84	69	321	364	13.4	35.8	19.46	HS	Under 5 yr	None														
Business and Financial Operations Occupations																																	
Accountants and Auditors (Top Job)			1,916	140	7.3	16	36	52	348	207	112	1,732	1,894	9.4	36.6	37.73	BA	None	None														
Human Resources Specialists			701	36	5.1	7	10	17	183	87	103	519	593	14.3	31.7	30.77	BA	None	None														
Financial Analysts			290	22	7.6	6	8	14	120	37	12	380	440	15.8	32.5	49.37	BA	None	None														
Purchasing Agents, Except Wholesale, Retail, and Farm Products (Top Job)			521	47	9.0	3	14	17	109	53	34	542	574	5.9	47.9	34.31	HS	None	LTOJT														
Management Analysts			307	58	18.9	3	9	12	60	29	10	562	591	5.2	46.6	45.33	BA	Under 5 yr	None														
Compliance Officers (Oil and Gas, Top Job)			539	56	10.4	3	15	18	113	54	38	765	795	3.9	41.4	34.63	BA	None	MTOJT														
Training and Development Specialists			505	54	10.7	3	5	8	104	45	25	313	346	10.5	42.4	32.34	BA	Under 5 yr	None														

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Community and Social Services Occupations																																	
Social and Human Service Assistants			923	99	10.7	21	25	45	333	124	127	1,177	1,384	17.6	28.9	16.96	HS	None	STOJT														
Mental Health and Substance Abuse Social Workers			504	48	9.5	13	17	30	171	50	51	515	644	25.0	27.4	20.98	BA	None	None														
Substance Abuse and Behavioral Disorder Counselors			383	48	12.5	8	14	22	101	25	59	357	440	23.2	42.1	24.36	HS	None	MTOJT														
Child, Family, and School Social Workers			1,078	79	7.3	9	16	25	290	148	117	683	778	13.9	29.2	24.09	BA	None	None														
Mental Health Counselors (Top Job)			510	50	9.8	7	10	18	94	21	23	349	423	21.2	40.2	28.27	MA	None	Int/Res														
Healthcare Social Workers			227	13	5.7	5	6	11	74	33	21	264	314	18.9	36.0	25.23	MA	None	None														
Health Educators			329	15	4.6	4	4	8	93	59	36	192	230	19.8	36.6	27.97	BA	None	None														
Community Health Workers			95	7	7.4	1	1	2	31	10	9	54	62	14.8	39.8	19.97	HS	None	STOJT														
Educational, Guidance, School, and Vocational Counselors			594	38	6.4	5	11	16	132	79	34	531	582	9.6	36.9	34.09	MA	None	None														
Rehabilitation Counselors			241	10	4.1	7	7	14	91	38	24	329	395	20.1	27.3	25.70	MA	None	None														
Clergy			77	7	9.1	n/a	n/a	n/a	3	2	6	n/a	n/a	n/a	68.6	22.35	BA	None	MTOJT														
Computer and Mathematical Occupations																																	
Computer Systems Analysts			558	96	17.2	6	10	17	58	27	13	557	622	11.7	31.8	38.33	BA	None	None														
Computer User Support Specialists			1,101	89	8.1	9	25	34	267	62	64	984	1,070	8.7	21.4	26.41	COLL	None	MTOJT														
Network and Computer Systems Administrators			782	71	9.1	5	9	15	166	65	27	558	612	9.7	28.6	37.40	BA	None	None														
Computer Programmers			658	74	11.2	4	13	17	99	31	15	579	619	6.9	37.5	39.36	BA	None	None														
Computer Network Support Specialists			342	32	9.4	2	8	10	135	72	16	314	334	6.4	22.6	33.52	AA	None	None														

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Software Developers, Applications	207	20	9.7	2	4	6	53	24	4	261	283	8.4	32.6	39.11	BA	None	None																
Software Developers, Systems Software	120	45	37.5	3	3	6	27	21	4	204	234	14.7	28.0	n/a	BA	None	None																
Construction and Extraction Occupations																																	
Construction Laborers (Oil and Gas)	7,340	1,382	18.8	43	124	167	2,038	496	2,758	4,253	4,684	10.1	18.2	21.52	Any	None	STOJT																
Carpenters (Oil and Gas, Top Job)	4,064	878	21.6	35	61	96	1,015	552	1,200	2,973	3,318	11.6	27.5	31.81	HS	None	App																
Electricians (Oil and Gas, Top Job)	2,743	662	24.1	18	61	79	506	245	721	2,355	2,531	7.5	25.3	37.88	HS	None	App																
Supervisors of Construction and Extraction Workers (Oil and Gas, Top Job)	1,314	433	33.0	14	22	36	273	169	216	973	1,116	14.7	49.9	44.13	HS	5 plus yrs	None																
Education, Training, and Library Occupations																																	
Teacher Assistants	5,550	406	7.3	47	219	266	1,423	219	347	4,528	4,997	10.4	37.5	n/a	COLL	None	None																
Preschool Teachers, Except Special Education	795	76	9.6	10	17	27	228	111	225	670	771	15.1	20.4	18.28	AA	None	None																
Food Preparation and Serving Related Occupations																																	
Cooks, Institution and Cafeteria	842	168	20.0	12	24	36	234	23	159	838	955	14.0	42.6	17.93	Any	None	STOJT																
Food Preparation Workers	4,461	904	20.3	31	149	181	1,539	0	432	2,804	3,117	11.2	15.5	12.39	Any	None	STOJT																
Combined Food Preparation and Serving Workers, Including Fast Food	6,621	1,283	19.4	66	271	337	2,833	0	644	5,599	6,258	11.8	9.5	10.68	Any	None	STOJT																
First-Line Supervisors of Food Preparation and Serving Workers	1,290	269	20.9	8	15	23	334	189	146	707	789	11.6	22.9	17.75	HS	Under 5 yr	None																
Dining Room and Cafeteria Attendants and Bartender Helpers	1,156	313	27.1	9	53	62	510	0	94	849	939	10.6	6.4	11.36	Any	None	STOJT																
Chefs and Head Cooks	716	328	45.8	4	7	11	143	115	136	392	433	10.5	40.7	22.06	HS	5 plus yrs	None																
Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	2,325	415	17.8	15	88	103	1,025	0	146	1,249	1,397	11.8	7.2	10.68	Any	None	STOJT																

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Healthcare Practitioners and Technical Occupations																																	
Registered Nurses (Top Job)			6,034	938	15.5	99	87	187	447	225	150	4,979	5,973	20.0	40.1	41.22	AA	None	None														
Dental Hygienists (Top Job)			499	52	10.4	16	11	27	64	49	25	571	730	27.8	32.2	36.38	AA	None	None														
Psychiatric Technicians			374	34	9.1	9	7	16	134	26	40	433	523	20.8	19.7	17.73	VOC	None	STOJT														
Medical Records and Health Information Technicians			588	35	6.0	11	10	20	99	28	63	496	604	21.8	27.5	20.26	VOC	None	None														
Physical Therapists (Top Job)			499	125	25.1	9	5	14	34	27	8	400	492	23.0	28.6	46.32	PHD	None	None														
Radiologic Technologists (Top Job)			436	51	11.7	10	7	16	64	16	11	441	539	22.2	37.7	33.11	AA	None	None														
Licensed Practical and Licensed Vocational Nurses			567	107	18.9	14	17	30	115	26	45	644	782	21.4	42.8	26.14	VOC	None	None														
Family and General Practitioners (Top Job)			466	128	27.5	10	8	17	62	32	16	399	495	24.1	31.1	109.78	PHD	None	Int/Res														
Physician Assistants (Top Job)			493	106	21.5	10	7	17	75	47	15	376	472	25.5	40.8	51.00	MA	None	None														
Medical and Clinical Laboratory Technicians (Top Job)			396	60	15.2	8	7	15	85	37	36	355	437	23.1	30.1	23.57	AA	None	None														
Nurse Practitioners			316	62	19.6	5	4	9	54	39	6	211	261	23.7	46.5	55.61	MA	None	None														
Medical and Clinical Laboratory Technologists			284	60	21.1	6	5	12	48	29	22	284	346	21.8	38.8	32.25	BA	None	None														
Pharmacy Technicians			641	58	9.0	10	9	19	105	24	40	554	653	17.9	18.7	19.22	HS	None	MTOJT														
Emergency Medical Technicians and Paramedics			374	54	14.4	8	9	17	167	38	32	468	552	17.9	18.8	22.32	VOC	None	None														
Dentists, General			222	61	27.5	4	4	7	16	8	5	142	177	24.6	36.6	98.98	PHD	None	None														
Surgical Technologists			200	40	20.0	3	3	6	27	16	12	150	183	22.0	23.1	25.21	VOC	None	None														
Pharmacists			393	73	18.6	7	10	17	30	17	3	394	464	17.8	31.3	65.54	PHD	None	None														

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Recreational Therapists	146	13	8.9	4	5	10	55	42	15	182	226	24.2	47.4	n/a	BA	None	None																
Respiratory Therapists	173	25	14.5	3	3	7	5	2	9	171	206	20.5	50.7	33.16	AA	None	None																
Occupational Therapists	222	40	18.0	4	4	7	32	28	6	194	233	20.1	33.0	36.41	MA	None	None																
Diagnostic Medical Sonographers	109	25	22.9	2	1	3	8	6	3	77	95	23.4	26.2	39.78	AA	None	None																
Dietitians and Nutritionists	151	14	9.3	3	4	7	26	17	10	147	175	19.0	30.7	30.52	BA	None	Int/Res																
Internists, General	127	43	33.9	2	2	4	30	23	2	104	123	18.3	46.4	98.36	PHD	None	Int/Res																
Opticians, Dispensing	164	22	13.4	5	3	8	43	9	11	172	223	29.7	28.9	21.60	HS	None	LTOJT																
Speech-Language Pathologists	301	59	19.6	3	4	7	21	17	3	204	235	15.2	36.0	39.23	MA	None	None																
Nurse Midwives	75	9	12.0	1	1	2	17	15	1	46	59	28.3	40.9	48.73	MA	None	None																
Nurse Anesthetists	84	22	26.2	n/a	n/a	n/a	3	2	0	n/a	n/a	n/a	33.9	70.75	MA	None	None																
Chiropractors	76	11	14.5	2	1	3	11	10	5	67	86	28.4	20.0	n/a	PHD	None	None																
Ophthalmic Medical Technicians	72	9	12.5	1	0	1	15	3	3	23	30	30.4	12.7	23.02	VOC	None	None																
Pediatricians, General	61	19	31.1	1	1	2	12	0	0	41	51	24.4	59.5	90.87	PHD	None	Int/Res																
Psychiatrists	66	10	15.2	1	1	3	10	10	4	61	75	23.0	75.0	111.77	PHD	None	Int/Res																
Cardiovascular Technologists and Technicians	52	8	15.4	1	1	2	20	5	3	57	69	21.1	22.7	36.44	AA	None	None																
Magnetic Resonance Imaging Technologists	53	12	22.6	1	0	1	2	0	2	26	32	23.1	36.6	36.21	AA	Under 5 yr	None																
Optometrists	58	15	25.9	1	1	2	3	3	2	32	41	28.1	34.9	85.88	PHD	None	None																
Obstetricians and Gynecologists	35	8	22.9	1	1	1	6	2	0	26	33	26.9	40.7	118.29	PHD	None	Int/Res																

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Nuclear Medicine Technologists	39	2	5.1	1	1	2	6	4	2	41	51	24.4	35.1	39.40	AA	None	None																
Anesthesiologists	37	10	27.0	1	1	1	0	0	0	28	35	25.0	33.3	9999.99	PHD	None	Int/Res																
Dietetic Technicians	42	4	9.5	1	0	1	10	1	1	28	33	17.9	26.3	n/a	AA	None	None																
Occupational Health and Safety Technicians (Oil and Gas)	155	56	36.1	2	4	6	48	19	13	111	130	17.1	28.3	33.19	HS	None	MTOJT																
Radiation Therapists	42	15	35.7	1	0	1	3	1	1	25	30	20.0	25.9	n/a	AA	None	None																
Surgeons	27	10	37.0	n/a	n/a	n/a	1	1	0	n/a	n/a	n/a	58.8	9999.99	PHD	None	Int/Res																
Audiologists	36	6	16.7	n/a	n/a	n/a	2	0	0	n/a	n/a	n/a	33.3	n/a	PHD	None	None																
Occupational Health and Safety Specialists (Oil and Gas)	462	117	25.3	3	8	11	69	24	29	283	315	11.3	42.9	40.01	BA	None	STOJT																
Healthcare Support Occupations																																	
Nursing Assistants	2,138	105	4.9	39	42	81	442	84	198	2,082	2,474	18.8	23.7	17.87	VOC	None	None																
Medical Assistants	1,613	145	9.0	29	27	56	283	45	195	1,130	1,420	25.7	11.1	19.08	VOC	None	None																
Dental Assistants	1,265	129	10.2	29	22	51	206	70	117	1,081	1,373	27.0	15.7	20.94	VOC	None	None																
Home Health Aides	1,487	148	10.0	61	45	106	1,205	0	358	2,343	2,952	26.0	34.9	13.99	Any	None	STOJT																
Massage Therapists	509	70	13.8	7	5	12	118	72	26	310	384	23.9	18.5	40.52	VOC	None	None																
Phlebotomists	114	13	11.4	2	1	3	29	1	6	71	88	23.9	19.8	18.53	VOC	None	None																
Orderlies	106	12	11.3	1	1	2	30	7	10	52	63	21.2	13.8	14.99	HS	None	STOJT																
Medical Equipment Preparers	99	8	8.1	2	2	3	26	9	5	78	93	19.2	20.9	19.97	HS	None	MTOJT																
Physical Therapist Aides	75	7	9.3	1	1	2	18	1	5	63	77	22.2	16.2	18.59	HS	None	STOJT																

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Physical Therapist Assistants	68	10	14.7	1	1	2	8	4	5	56	70	25.0	22.4	29.58	AA	None	None																
Medical Transcriptionists	131	10	7.6	3	2	4	40	11	9	118	144	22.0	30.6	17.43	VOC	None	None																
Pharmacy Aides	55	7	12.7	2	2	4	26	4	7	82	101	23.2	31.3	n/a	HS	None	STOJT																
Psychiatric Aides	110	3	2.7	3	6	9	30	1	16	200	232	16.0	34.6	20.13	HS	None	STOJT																
Occupational Therapy Assistants	17	5	29.4	n/a	n/a	n/a	6	1	3	n/a	n/a	n/a	41.7	n/a	AA	None	None																
Installation, Maintenance, and Repair Occupations																																	
Maintenance and Repair Workers, General	4,278	972	22.7	25	58	83	921	286	514	3,259	3,511	7.7	41.2	23.21	HS	None	LTOJT																
Medical Equipment Repairers	67	10	14.9	1	1	2	10	4	9	49	57	16.3	43.9	33.31	AA	None	MTOJT																
Aircraft Mechanics and Service Technicians (Top Job)	1,208	220	18.2	10	32	41	216	128	71	1,303	1,399	7.4	36.6	30.26	VOC	None	None																
Helpers--Installation, Maintenance, and Repair Workers	1,112	205	18.4	10	36	46	345	18	164	813	915	12.5	23.3	15.44	HS	None	MTOJT																
First-Line Supervisors of Mechanics, Installers, and Repairers (Top Job)	753	101	13.4	7	18	25	161	100	47	721	789	9.4	52.0	38.00	HS	Under 5 yr	None																
Life, Physical, and Social Science Occupations																																	
Medical Scientists, Except Epidemiologists	59	4	6.8	1	1	2	5	1	0	42	54	28.6	43.6	n/a	PHD	None	None																
Clinical, Counseling, and School Psychologists	163	25	15.3	2	3	5	13	8	2	122	138	13.1	37.0	32.71	PHD	None	Int/Res																
Environmental Science and Protection Technicians, Including Health (Oil and Gas)	226	38	16.8	1	11	12	54	20	27	306	318	3.9	22.9	24.12	AA	None	None																
Environmental Scientists and Specialists, Including Health (Oil and Gas, Top Job)	756	60	7.9	11	16	27	163	68	49	697	804	15.4	27.0	35.07	BA	None	None																
Management Occupations																																	
Medical and Health Services Managers (Top Job)	984	80	8.1	19	22	41	232	160	54	949	1,137	19.8	48.0	53.72	BA	None	None																

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Administrative Services Managers (Top Job)								1,362	134	9.8	27	44	70	421	323	125	1,818	2,084	14.6	41.4	43.42	BA	Under 5 yr	None									
General and Operations Managers (Oil and Gas, Top Job)								4,832	632	13.1	40	60	101	1,112	860	401	3,350	3,752	12.0	45.4	48.90	BA	Under 5 yr	None									
Chief Executives (Top Job)								1,645	160	9.7	17	18	35	281	281	76	1,270	1,438	13.2	63.1	80.48	BA	5 plus yrs	None									
Financial Managers (Top Job)								1,207	63	5.2	12	20	32	242	196	81	1,128	1,252	11.0	44.1	53.67	BA	5 plus yrs	None									
Social and Community Service Managers								423	26	6.1	5	12	17	110	64	30	384	434	13.0	41.8	35.06	BA	5 plus yrs	None									
Human Resources Managers								391	23	5.9	2	10	12	80	56	28	431	452	4.9	41.8	52.44	BA	5 plus yrs	None									
Training and Development Managers								166	35	21.1	3	4	6	46	29	7	158	184	16.5	42.7	47.76	BA	5 plus yrs	None									
Computer and Information Systems Managers (Top Job)								529	27	5.1	1	22	22	98	90	22	907	912	0.6	41.6	55.07	BA	5 plus yrs	None									
Purchasing Managers								218	25	11.5	2	7	9	34	23	15	239	264	10.5	46.6	54.81	BA	5 plus yrs	None									
Marketing Managers								376	40	10.6	4	8	12	52	35	23	292	333	14.0	35.7	42.11	BA	5 plus yrs	None									
Public Relations and Fundraising Managers								230	25	10.9	3	6	9	57	44	15	209	239	14.4	35.1	56.89	BA	5 plus yrs	None									
Construction Managers (Oil and Gas, Top Job)								1,494	382	25.6	14	25	39	306	219	136	1,044	1,183	13.3	49.4	59.88	BA	None	MTOJT									
Food Service Managers								828	149	18.0	5	7	12	180	139	99	401	449	12.0	22.8	26.21	HS	Under 5 yr	None									
Office and Administrative Support Occupations																																	
Receptionists and Information Clerks								3,377	381	11.3	49	101	149	1,066	150	361	2,970	3,457	16.4	21.9	15.79	HS	None	STOJT									
Medical Secretaries								750	66	8.8	12	10	22	213	59	85	510	631	23.7	25.7	18.02	HS	None	MTOJT									
Billing and Posting Clerks								1,380	90	6.5	22	27	49	322	60	127	1,181	1,397	18.3	28.0	20.21	HS	None	STOJT									
Office Clerks, General								6,986	945	13.5	62	158	220	2,101	407	837	6,795	7,417	9.2	27.6	20.47	HS	None	STOJT									

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First-Line Supervisors of Office and Administrative Support Workers (Top Job)	2,138	167	7.8	26	56	82	600	334	212	2,164	2,425	12.1	36.4	28.51	HS	Under 5 yr	None																
Executive Secretaries and Executive Administrative Assistants	3,664	220	6.0	40	69	109	973	609	335	3,566	3,969	11.3	37.7	26.10	HS	Under 5 yr	None																
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	3,456	211	6.1	28	60	88	830	159	354	3,074	3,356	9.2	33.9	17.45	HS	None	STOJT																
Bookkeeping, Accounting, and Auditing Clerks	4,852	371	7.6	46	86	132	1,384	377	523	4,446	4,904	10.3	35.3	21.19	HS	None	MTOJT																
File Clerks	546	37	6.8	9	9	17	192	11	47	590	677	14.7	21.4	15.42	HS	None	STOJT																
Bill and Account Collectors	443	46	10.4	7	10	16	185	28	56	505	570	12.9	26.2	20.57	HS	None	MTOJT																
Customer Service Representatives	3,185	500	15.7	27	73	100	978	317	358	2,660	2,930	10.2	21.3	17.67	HS	None	STOJT																
Human Resources Assistants, Except Payroll and Timekeeping	525	32	6.1	4	14	18	154	31	53	512	555	8.4	27.0	21.65	HS	None	STOJT																
Interviewers, Except Eligibility and Loan	291	55	18.9	4	4	8	58	14	16	192	231	20.3	25.0	18.72	HS	None	STOJT																
Data Entry Keyers	363	45	12.4	4	5	9	118	10	48	297	338	13.8	26.7	17.17	HS	None	MTOJT																
Switchboard Operators, Including Answering Service	224	19	8.5	3	4	7	68	4	27	197	229	16.2	23.4	15.87	HS	None	STOJT																
Stock Clerks and Order Fillers	3,596	475	13.2	31	90	121	1,185	174	388	3,098	3,410	10.1	19.7	14.70	Any	None	STOJT																
Payroll and Timekeeping Clerks	523	55	10.5	5	10	15	134	44	57	520	571	9.8	37.4	22.62	HS	None	MTOJT																
Couriers and Messengers	353	29	8.2	4	9	13	104	8	41	294	336	14.3	28.7	15.25	HS	None	STOJT																
Reservation and Transportation Ticket Agents and Travel Clerks	1,145	127	11.1	8	24	33	235	63	97	1,315	1,399	6.4	29.7	16.30	HS	None	STOJT																
Production, Planning, and Expediting Clerks	455	91	20.0	3	10	13	99	45	42	395	426	7.8	31.9	25.98	HS	None	MTOJT																
Procurement Clerks	255	17	6.7	2	15	17	86	16	32	389	411	5.7	37.0	22.67	HS	None	MTOJT																
Insurance Claims and Policy Processing Clerks	254	17	6.7	2	6	8	46	12	33	193	216	11.9	21.9	23.67	HS	None	MTOJT																

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Hotel, Motel, and Resort Desk Clerks	1,339	458	34.2	14	40	54	447	0	211	1,046	1,186	13.4	17.8	12.90	HS	None	STOJT																
Eligibility Interviewers, Government Programs	618	14	2.3	5	24	29	160	80	67	931	977	4.9	39.6	24.57	HS	None	MTOJT																
Computer Operators	264	31	11.7	2	2	4	79	16	14	225	245	8.9	33.9	26.19	HS	None	MTOJT																
Telephone Operators	68	6	8.8	1	4	4	36	14	12	134	142	6.0	12.9	n/a	HS	None	STOJT																
Shipping, Receiving, and Traffic Clerks (Oil and Gas)	892	99	11.1	12	23	35	342	76	101	937	1,056	12.7	23.5	18.30	HS	None	STOJT																
Personal Care and Service Occupations																																	
Personal Care Aides	6,821	520	7.6	103	115	219	2,571	0	976	3,973	5,006	26.0	30.0	14.46	Any	None	STOJT																
Childcare Workers	2,355	355	15.1	30	97	127	939	0	211	2,008	2,308	14.9	14.8	12.06	HS	None	STOJT																
Fitness Trainers and Aerobics Instructors	520	75	14.4	5	14	19	474	141	10	562	615	9.4	18.9	16.77	HS	None	STOJT																
Recreation Workers	1,187	329	27.7	6	13	19	330	42	55	847	903	6.6	15.7	n/a	BA	None	None																
First-Line Supervisors of Personal Service Workers	168	25	14.9	4	7	11	74	29	28	303	340	12.2	23.1	19.27	HS	Under 5 yr	None																
Production Occupations																																	
Laundry and Dry-Cleaning Workers	574	139	24.2	0	10	10	150	0	67	426	418	-1.9	37.5	13.71	Any	None	STOJT																
Medical Appliance Technicians	22	3	13.6	1	1	2	10	3	2	31	38	22.6	36.8	n/a	HS	None	LTOJT																
Dental Laboratory Technicians	42	3	7.1	1	1	3	11	5	3	44	58	31.8	23.1	26.05	HS	None	MTOJT																
Protective Service Occupations																																	
Security Guards	2,508	379	15.1	23	63	86	798	88	313	2,162	2,397	10.9	32.6	17.40	HS	None	STOJT																
Private Detectives and Investigators	96	8	8.3	n/a	n/a	n/a	56	47	17	n/a	n/a	n/a	25.0	n/a	HS	Under 5 yr	MTOJT																

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Police and Sheriff's Patrol Officers (Top Job)								1,473	105	7.1	2	32	33	187	111	112	1,209	1,228	1.6	14.3	36.38	HS	None	MTOJT									
Sales and Related Occupations																																	
Telemarketers								93	14	15.1	1	1	2	28	2	13	63	73	15.9	31.6	13.98	Any	None	STOJT									
Travel Agents								184	22	12.0	2	3	5	45	17	30	143	161	12.6	29.6	17.02	HS	None	MTOJT									
Transportation and Material Moving Occupations																																	
Commercial Pilots (Top Job)								937	416	44.4	11	28	39	370	297	126	837	944	12.8	37.2	n/a	HS	None	MTOJT									
Laborers and Freight, Stock, and Material Movers, Hand (Oil and Gas)								5,416	1,052	19.4	47	251	298	1,714	147	878	5,179	5,651	9.1	19.8	16.21	Any	None	STOJT									
Airline Pilots, Copilots, and Flight Engineers (Top Job)								1,934	975	50.4	9	50	60	115	108	47	1,735	1,828	5.4	38.1	n/a	BA	Under 5 yr	MTOJT									
Driver/Sales Workers								1,085	149	13.7	13	40	53	472	73	188	1,028	1,157	12.5	22.1	15.42	HS	None	STOJT									

NOTES

1. The industries included in this report are NAICS: 621 - Ambulatory Health Care Services, 622 - Hospitals, 623 - Nursing and Residential Care Facilities. (NAICS is short for the North American Industry Classification System, a set of industry categories standardized between the U.S., Canada and Mexico.)
2. Number of Workers/Residency Alaska wage records identify workers in private sector, state and local government covered by unemployment insurance within Alaska. Workers are assigned to the occupation in which they earned the most money in 2014, so a person will be counted only once, even if they worked in multiple occupations. The duration of a worker's employment is not a factor in the count of workers – a person is counted as a worker once they earn any wages covered under Alaska's unemployment insurance system. Alaska worker residency is determined by matching the Alaska Department of Revenue Permanent Fund Dividend (PFD) file with the Alaska Department of Labor and Workforce Development wage file. The PFD file is a list of Alaskans who either applied for or received a PFD. Workers included in the wage file are considered Alaska residents if they applied for a 2014 PFD or 2015 PFD. This data is methodologically different than the employment data. For more information on how the worker and the employment data differ, please contact the Research and Analysis Section of the Alaska Department of Labor and Workforce Development at 907.465.4518.
3. Estimated Demand/Employment Projections Ten year occupational employment projections are produced biennially, and provide the data for Estimated Demand and the Alaska Employment Projections. Estimated and projected employment data do not include self-employed workers in that occupation. Growth openings occur when new jobs are created in the economy. Replacement openings occur when workers leave an occupation. Replacement openings can occur for many reasons, including retirement, leaving the state, or changing careers. Total openings are the sum of growth and replacement openings, and may not total due to rounding. Some occupational projections will fall outside of statistical error measurement guidelines or will disclose confidential information about an employer, and are therefore suppressed. Because of suppressed data, overall totals cannot be calculated. This data is methodologically different than the Alaska worker data. For more information on how the worker and the employment data differ, please contact the Research and Analysis Section of the Alaska Department of Labor and Workforce Development at 907.465.4518.
4. In Another Occupation Workers were considered qualified for the listed occupation if they had four quarters of prior experience in the years 2012 through 2014 in that occupation. Workers may be considered qualified for more than one occupation.
5. In Lower Paid Occupation Each worker's primary occupation in 2014 was compared with all occupations in which they had four quarters of prior experience in the years 2012 through 2014. If the worker had four quarters of experience in an occupation, but was employed in 2014 in an occupation with a national mean wage that was more than 15% less, then they are counted as potential supply since they are currently "underemployed".
6. UI Claimants Unemployment insurance claimants with an active claim in 2014. Claimants were matched with 2012 through 2014 UI wage records to determine their primary prior occupation.
7. Age Worker age is determined by matching 2014 workers with historical PFD files. Only those workers with age data are used to determine the percent of workers at least age 50. Occupations with a significant number of nonresident workers will have less reliable age information since age data is not available for nonresident workers.
8. Average Hourly Wage Average Hourly Wage data comes from the Research and Analysis Section of the Alaska Department of Labor and Workforce Development, through the Occupational Employment Statistics Survey, a cooperative agreement with the U.S. Bureau of Labor Statistics, and represent statewide average wages for the occupation.

NOTES

9. Education Levels Entry level education requirements are based on the U. S. Department of Labor's Bureau of Labor Statistics data. The education groups are as follows:

- Any – Less than high school.
- HS – High school diploma or equivalent.
- COLL – Some college, no degree.
- VOC – Postsecondary non-degree award.
- AA – Associate's degree.
- BA – Bachelor's degree..
- MA – Master's degree.
- PHD – Doctoral or professional degree.

10. Work Experience Work experience in a related occupation is based on the U. S. Department of Labor's Bureau of Labor Statistics data. The work experience groups are as follows:

- None – No work experience required.
- under 5 yr – Less than five years.
- 5 plus yr – Five or more years.

11. On-the-Job Training Typical on-the-job training needed to attain competency in the occupation is based on the U. S. Department of Labor's Bureau of Labor Statistics data. The groups are as follows:

- None – No on-the-job training is required.
- STOJT – One month or less of informal on-the-job experience.
- MTOJT – One to twelve months of informal on-the-job experience.
- LTOJT – Training that lasts more than twelve months and either occurs on the job or combines work experience with formal classroom instruction.
- App – An apprenticeship is required. An apprenticeship combines paid on-the-job training and occupation-specific instruction. Most programs last between three and five years.
- Int/Res – Internship/residency is required. Internships and residences provide supervised training in a professional setting. They may be paid or unpaid, and usually occur after completion of a degree program or required coursework.

Other Reports:

Top Jobs – These are the occupations, based on Alaska's 2012-2022 occupational forecast, that either:

- Will grow faster than average, grow by at least 75 jobs over the ten-year period, and have higher than average wages; or
- Are among the top 50 occupations with the most projected openings, and have higher than average wages.